

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Tue May 29 15:09:03 EDT 2007

=====

Reviewer Comments:

<220>

<221> MISC_FEATURE

<222> (14)..(14)

<223> Xaa = IS, VS, VT, TS or a peptide bond

Invalid explanation for 'Xaa', It represents only single amino acid.

Application No: 10580712 Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-25 20:45:31.784
Finished: 2007-05-25 20:45:32.735
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 951 ms
Total Warnings: 7
Total Errors: 0
No. of SeqIDs Defined: 17
Actual SeqID Count: 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)

SEQUENCE LISTING

<110> Grappin, Philippe
 Oge, Laurent
 Bove, Jerome

 <120> USE OF L-ISOASPARTYL METHYLTRANSFERASE AS LONGEVITY MARKER IN SEEDS

 <130> 291135US0PCT

 <140> 10580712
 <141> 2007-05-25

 <150> US 10/580,712
 <151> 2006-12-19

 <150> PCT/FR04/03042
 <151> 2004-11-26

 <150> FR 0313858
 <151> 2003-11-26

 <160> 17

 <170> PatentIn version 3.3

 <210> 1
 <211> 13
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Synthetic Peptide

 <220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa = E, V or S

 <220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa = A or E

 <220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa = R, G or Q

 <400> 1

Arg Tyr Val Pro Leu Thr Ser Arg Xaa Xaa Gln Leu Xaa

<210> 2
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa = D or E

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa = Q or K

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa = V or I

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa = N or S

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa = S, E or A

<220>
<221> MISC_FEATURE
<222> (14)..(14)
<223> Xaa = IS, VS, VT, TS or a peptide bond

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa = I or V

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa = K, Q or R

<400> 2

Gln Xaa Leu Xaa Val Xaa Asp Lys Xaa Xaa Asp Gly Ser Xaa Xaa Xaa
1 5 10 15

<210> 3
<211> 17

<212> PRT
<213> Arabidopsis thaliana

<400> 3

Gln Asp Leu Gln Val Val Asp Lys Asn Ser Asp Gly Ser Val Ser Ile
1 5 10 15

Lys

<210> 4
<211> 15
<212> PRT
<213> Arabidopsis thaliana

<400> 4

Gln Glu Leu Lys Val Ile Asp Lys Asn Glu Asp Gly Ser Ile Lys
1 5 10 15

<210> 5
<211> 13
<212> PRT
<213> Arabidopsis thaliana

<400> 5

Arg Tyr Val Pro Leu Thr Ser Arg Glu Ala Gln Leu Arg
1 5 10

<210> 6
<211> 13
<212> PRT
<213> Arabidopsis thaliana

<400> 6

Arg Tyr Val Pro Leu Thr Ser Arg Val Glu Gln Leu Gly
1 5 10

<210> 7
<211> 13
<212> PRT
<213> Arabidopsis thaliana

<400> 7

Arg Tyr Val Pro Leu Thr Ser Arg Ser Ala Gln Leu Gln
1 5 10

<210> 8
<211> 17
<212> PRT
<213> Arabidopsis thaliana

<400> 8

Gln Asp Leu Gln Val Ile Asp Lys Ser Ala Asp Gly Ser Thr Ser Val
1 5 10 15

Arg

<210> 9
<211> 17
<212> PRT
<213> Arabidopsis thaliana

<400> 9

Gln Glu Leu Gln Val Val Asp Lys Asn Ala Asp Gly Ser Val Thr Val
1 5 10 15

Gln

<210> 10
<211> 8
<212> PRT
<213> Arabidopsis thaliana

<400> 10

Arg Tyr Val Pro Leu Thr Ser Arg
1 5

<210> 11
<211> 12
<212> PRT
<213> Arabidopsis thaliana

<400> 11

Arg Tyr Val Pro Leu Thr Ser Arg Glu Ala Gln Leu
1 5 10

<210> 12
<211> 15
<212> PRT
<213> Arabidopsis thaliana

<400> 12

Arg Tyr Val Pro Leu Thr Ser Arg Glu Ala Gln Leu Arg Gly Asp
1 5 10 15

<210> 13

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 13

gctatggagg ctgtggatag agg 23

<210> 14

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 14

tcagtccct ctcagctgcg c 21

<210> 15

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 15

ggaccgggta cttaactgct t 21

<210> 16

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 16

ttggcggcac ccttagctgg atca 24

<210> 17

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 17

atgccccagg acatcgtgat ttcac

25